What is claimed is:

1.   A method of communicating over a data network, comprising:

providing a user interface in a control system for establishing call sessions;

communicating, by the control system, one or more control messages over the data network to establish a call session with a remote device in response to receipt of a request through the user interface; and

transmitting one or more commands to a voice device connected to the data network and associated with the control system to establish the call session between the voice device and the remote device over the data network.

2.   The method of claim 1, wherein the communicated one or more control messages and the transmitted one or more commands are according to different formats.

3.   The method of claim 1, wherein transmitting the one or more commands to the voice device includes transmitting one or more commands to a network telephone including a network interface to the data network.

4.   The method of claim 1, wherein establishing the call session includes establishing a Real-Time Protocol session over the data network.

5.   The method of claim 1, wherein communicating the one or more control messages includes communicating messages according to a protocol defining real-time, interactive call sessions over a packet-switched data network.

6.   The method of claim 1, wherein communicating the one or more control messages includes communicating one or more Session Initiation Protocol messages.

7.   The method of claim 1, further comprising storing, in the control system, an identifier of the voice device.

1 8.   The method of claim 7, wherein storing the identifier includes storing
2 an Internet Protocol address and a port of the voice device.

1 9.   The method of claim 1, further comprising receiving an indication
2 from the voice device to establish another call session with the remote device.

1 10.   The method of claim 1, further comprising displaying graphical user
2 interface information of the call session on the control system.

1 11.   The method of claim 1, further comprising terminating the call session
2 using either the user interface or the voice device.

1 12.   A method of communicating over a data network, comprising:
2   in a control system, communicating one or more control messages over
3 the data network to establish a call session with a remote device coupled to the data
4 network;
5   transmitting one or more commands to a voice device coupled to the
6 data network
7   establishing the call session between the voice device and the remote
8 device over the data network; and
9   displaying information associated with the call session on the control
10 system.

1 13.   The method of claim 12, wherein displaying the information includes
2 displaying graphical user interface information.

1 14.   The method of claim 12, wherein communicating the one or more
2 control messages includes communicating Session Initiation Protocol messages.

1 15.   The method of claim 12, further comprising providing one or more
2 indicators for call control in the control system.

1   16.   The method of claim 12, further comprising communicating Real-Time

2   Protocol messages between the voice device and the remote device over the data

3   network.

1   17.   The method of claim 12, further comprising identifying, in the control

2   system, an address of the voice device to be controlled by the control system.

1   18.   The method of claim 12, further comprising providing a user interface

2   on a display of the control system, the user interface enabling selection of one or more

3   criteria associated with the voice device.

1   19.   The method of claim 18, wherein the one or more criteria includes

2   selection of the voice device for use in a voice session established by the control

3   system.

1   20.   The method of claim 19, wherein the one or more criteria includes an

2   identifier of the voice device.

1   21.   The method of claim 12, further comprising providing voice

2   processing components in the control system and selecting one of the voice

3   processing components and the voice device to communicate in the established call

4   session.

1   22.   The method of claim 21, further comprising receiving user selections

2   entered in a user interface of the control system to select one of the voice processing

3   components and the voice device.

1   23.   The method of claim 21, further comprising redirecting selection to the

2   other one of the voice processing components and voice device.

1   24.   The method of claim 12, wherein the data network includes a packet-

2   switched data network.

25. A system for controlling a voice device connected to a data network, comprising:

a user interface including one or more selectors for call control relating to call sessions;

a controller adapted to receive a request from the user interface and to generate one or more messages for communication over the data network to establish a call session with a remote device; and

an interface to transmit one or more commands relating to the call session to the voice device to establish a link between the voice device and the remote device over the data network.

26. The system of claim 25, wherein the one or more messages include Session Initiation Protocol messages.

27. The system of claim 26, further comprising a module to process the one or more Session Initiation Protocol messages.

28. The system of claim 25, wherein the interface includes a network interface for coupling to the data network.

29. The system of claim 25, further comprising a storage element including an identifier of the voice device.

30. The system of claim 25, wherein the user interface includes one or more elements to display information relating to the call session.

31. The system of claim 30, wherein the information includes graphical information.

32. An article including one or more machine-readable storage media containing instructions for controlling voice communications over a data network, the instructions when executed causing a system to:

provide a user interface in the system to display information associated with a call session;

communicate one or more control messages over the data network with a remote device to establish the call session between a voice device and the remote device; and

control the voice device during the call session.

33. The article of claim 32, wherein the one or more storage media contain instructions that when executed cause the system to communicate Session Initiation Protocol messages.

34. The article of claim 32, wherein the one or more storage media contain instructions that when executed cause the system to display a picture of a callee.

35. The article of claim 32, wherein the one or more storage media contain instructions that when executed cause the system to display icons selectable by a user for call control.

36. A data signal embodied in a carrier wave comprising one or more code segments containing instructions for controlling a call session over a data network, the instructions when executed causing a system to:

provide a user interface in the system for establishing the call session;

communicate one or more control messages over the data network to establish the call session with a remote device in response to a request received through the user interface; and

transmit one or more commands to a voice device connected to the data network and associated with the control system to establish the call session between the voice device and the remote device over the data network.